

CLAIMS:

*Sale  
a1  
a2*

1. A method to manage a file, comprising:  
5 receiving a first request at a client to access a file having a file name;  
associating an identifier with said file name at said client; and  
sending said first request to a server with said identifier and said file name.

10 2. The method of claim 1, further comprising storing said identifier and file name in memory.

15 3. The method of claim 1, further comprising receiving an acknowledgement message from said server.

4. The method of claim 1, further comprising:  
receiving a second request at said client to access said file;  
15 retrieving said identifier associated with said file name from said memory; and  
sending said second request to said server using said associated identifier.

20 5. The method of claim 4, wherein said first and second requests specify a file operation.

6. A method to manage a file, comprising:  
receiving a first request at a server to access a file having a file name and  
identifier; and  
sending an acknowledgement message to said client.

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7. The method of claim 6, further comprising:  
searching for location information for said file;  
associating said location information with said identifier; and  
storing said location information and said identifier in memory.

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8. The method of claim 7, further comprising:  
receiving a second request at said server to access said file using said identifier;  
and  
retrieving said location information from said memory using said identifier.

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9. A method to manage a file, comprising:  
receiving a file request having a file name at a client;  
associating an identifier with said file name;  
sending said identifier and said file name to a server;  
searching for location information using said file name; and  
storing said location information with said identifier.

10. ~~The method of claim 9, further comprising sending an acknowledgement message to said client.~~

11. ~~A method to manage file operations, comprising:  
5 receiving a file request with a file name by a file system interface;  
assigning a unique identifier to said file name by said file system interface ; and  
sending said unique identifier and file name to a file system manager.~~

12. ~~The method of claim 11, further comprising:~~

10 ~~receiving said unique identifier and said file name at said file system manager;  
searching for file information using said file name; and  
storing said file information using said unique identifier.~~

13. ~~An article comprising:~~

15 ~~a storage medium;  
said storage medium including stored instructions that, when executed by a  
processor, result in receiving a first request at a client to access a file having a file  
name, associating an identifier with said file name at said client, and sending said first  
request to a server with said identifier and said file name.~~

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14. ~~The article of claim 13, wherein the stored instructions, when executed by a  
processor, further results in storing said identifier and file name in memory.~~

15. The article of claim 13, wherein the stored instructions, when executed by a processor, further results in receiving an acknowledgement message from said server.

16. The article of claim 13, wherein the stored instructions, when executed by a 5 processor, further results in receiving a second request at said client to access said file, retrieving said identifier associated with said file name from said memory, and sending said second request to said server using said associated identifier.

17. An article comprising:

10 a storage medium;  
said storage medium including stored instructions that, when executed by a processor, result in receiving a file request having a file name at a client, associating an identifier with said file name, sending said identifier and said file name to a server, searching for location information using said file name, and storing said location 15 information with said identifier.

18. The article of claim 17, wherein the stored instructions, when executed by a processor, further result in sending an acknowledgement message to said client.

20 19. An apparatus to perform file management, comprising:  
a client to receive a request for a file having a file name, said client to assign a unique identifier to said file name and send said unique identifier and said file name to a server; and

an interconnect system connected to said client to communicate said unique identifier and said file name to said server.

20. The apparatus of claim 19, further comprising a server to receive said unique identifier and file name, said server to locate information for said file and store said information using said unique identifier.

21. An apparatus to perform file management, comprising:

a client to assign an identifier to a file name;  
10 a server to locate file information using said file name and store said file information using said identifier; and  
an interconnect system to transport said file name and said identifier between said client and said server.

15 22. The apparatus of claim 21, wherein said client comprises an operating system service module.

23. The apparatus of claim 21, wherein said server comprises an intermediate service module.

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24. The apparatus of claim 21, wherein said interconnect system operates in accordance with a peripheral component interconnect system and an I<sub>2</sub>O system.

25. An apparatus to perform file management, comprising:

- a file system interface to receive a request for a file having a file name and assign a unique identifier to said file name;
- a file system manager to locate file information using said file name and store said file information using said unique identifier; and
- a communications system to communicate said unique identifier and said file name between said file system interface and said file system manager.

26. The apparatus of claim 25, wherein said communications system comprises:

- a communications medium comprising at least one of a group comprising twisted pair wire, co-axial cable, fiber optic and radio-frequencies; and
- a communications interface to operate in accordance with a set of communication protocols.

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